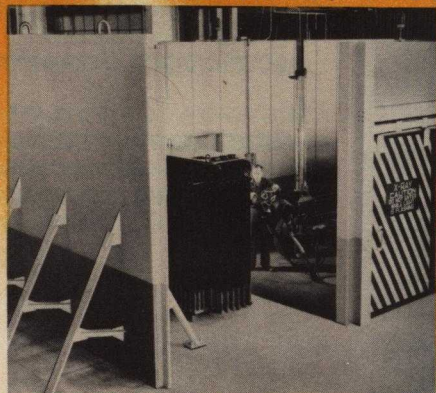


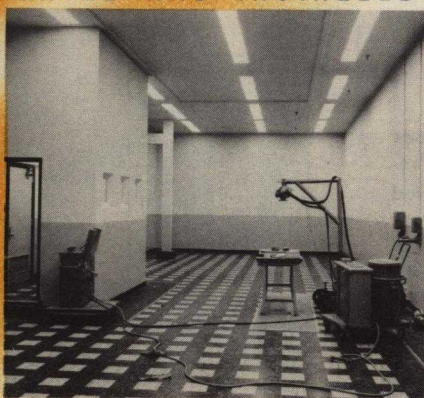
ameray

x-ray protective materials

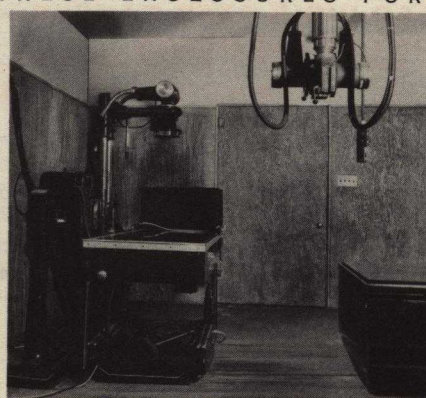
AMERAY DESIGNED, FABRICATED AND INSTALLED THESE ENCLOSURES FOR:



WESTINGHOUSE ELECTRIC CORPORATION



BOEING AIRPLANE COMPANY



DEBORAH SANATORIUM, NEW JERSEY



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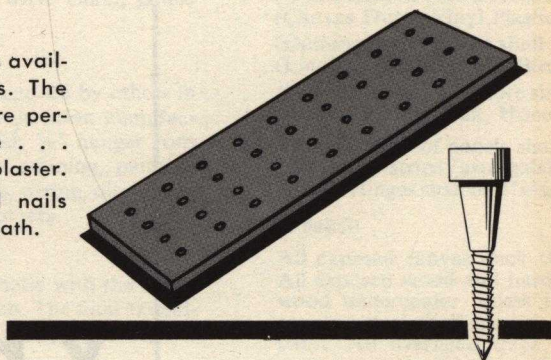
CORPORATION

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lath, blocks, panels, linings

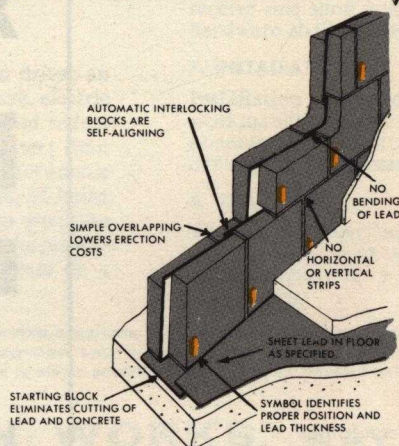
LEAD INSULATED LATH

Easy-to-erect Ameray lead insulated lath is available in all required lead thicknesses. The specified lead lining and plasterboard are permanently bonded by hydraulic pressure . . . Ameray lead lath is a perfect base for plaster. Specially designed Ameray lead-headed nails are supplied for the installation of the lath.



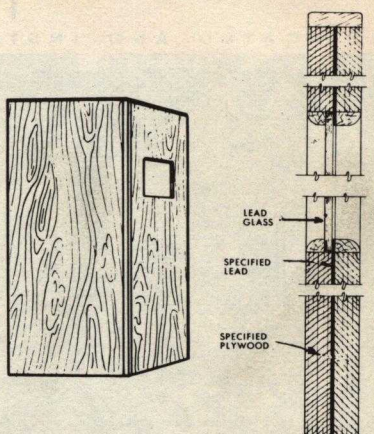
LEAD CORE BLOCKS

Supplied ready-to-use, Ameray lead core partition blocks offer complete protection and easy erection because of their exclusive **tapered*** design. This unique shape eliminates the necessity of bending the lead or inserting lead strips and **automatically** affords a plumb, true wall. These blocks are made of a quality cinder concrete with an unpierced lead core of the required lead thickness.



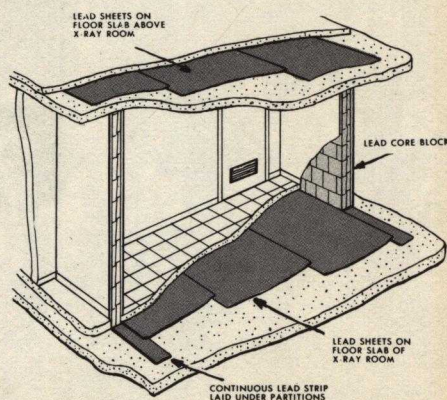
LEAD INSULATED PANELS — CONTROL SCREENS

Both paint and stain grade veneered plywoods are hydraulically bonded to lead sheets of required thickness to form Ameray's lead insulated panels. Delivered cut-to-fit to meet job conditions, Ameray's lead insulated control screens with lead-glass vision panels and hardware, are custom-built to individual specifications.



LEAD LINING FOR FLOOR AND CEILING SLAB

When an installation requires the shielding of spaces above and below the X-Ray room, Ameray sheet lead is the economical answer because it is sized-to-suit job conditions. Lead lined floor and ceiling slab structures are economical in many specific applications. See Ameray A.I.A. File.



ameray's

SAFETY ENGINEERED RADIATION PROTECTION

LEAD LINED —
BLOCK
LATH
PANELS
CONTROL SCREENS
DOORS
DOOR FRAMES
THRESHOLDS
CEILING STRUCTURES
FLOOR PROTECTION

LIGHT PROOF —
SHADES
LEAD LOUVERS
STEEL LOUVERS
DOOR SEALS
PANELS FOR DOOR LITES

WINDOWS —
X-RAY CONTROL
COBALT 60
ZINC BROMIDE

LEAD GLASS
CASSETTE TRANSFER CABINETS
HANGER PASS BOXES
ELECTRIC DOOR OPERATORS

**NON-DESTRUCTIVE TESTING
EQUIPMENT — FLUOROSCOPIC,
RADIOGRAPHIC INSPECTION
CABINETS**

**A NEW PUBLICATION
FOR YOUR REFERENCE FILES**

**AMERAY'S X-RAY PROTECTIVE
A. I. A. CATALOG NO. S-50**

Full technical specifications, dimensional and cutaway drawings, construction features and details of all Ameray's X-ray protective materials.

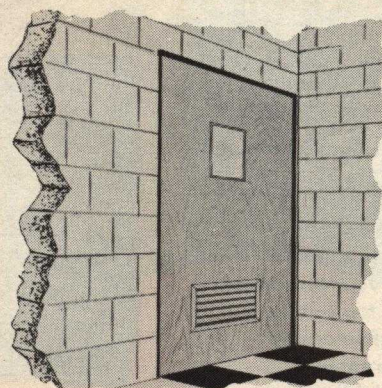
For your **COMPLIMENTARY COPY,**
write to our
X-RAY PROTECTIVE DIVISION

*Patented

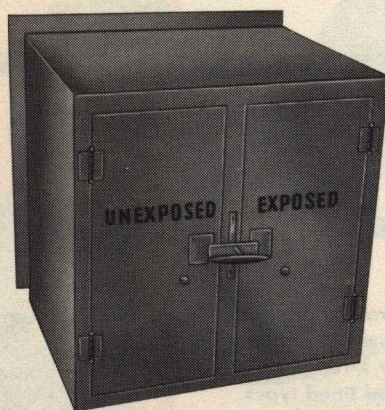
ameray's**doors, pass boxes, light proof shades****NUCLEAR
SHIELDING
PRODUCTS AND
HANDLING DEVICES****HIGH DENSITY CONCRETE
LEAD BRICK
LEAD GLASS BRICK
CASTINGS AND SHIELDING
COMPONENTS****LEAD LINED FUME HOODS
SHIPPING AND STORAGE
CONTAINERS
SHIELDING DOORS
HOT CELLS****RADIATION SHIELDING GLASS
DECONTAMINATION CHAMBERS
IRON SHIELDED ROOMS
SAFES-(RADIOACTIVE MATERIAL)
GLOVE BOXES****LEAD SHIELDS FOR GLOVE BOX
SCINTILLATION DETECTOR
SHIELD
REMOTE HANDLING TONGS
TRANSFER DRAWERS
HOT CELL WINDOWS****PORTABLE LEAD PARTITIONS
LEAD DOORS (STEEL CLAD)
ARTICULATED TONGS
FUEL ELEMENT
SHIPPING CONTAINERS****A NEW PUBLICATION
FOR YOUR REFERENCE FILES****AMERAY'S NUCLEAR SHIELDING
CATALOG NO. S-100**

Packed with authoritative information, complete with specifications, photographs and drawings of Ameray's proven nuclear shielding products and handling devices.

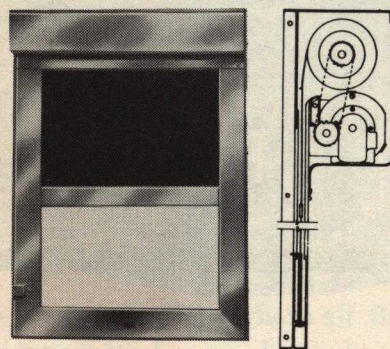
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NUCLEAR PRODUCTS DIVISION

**LEAD CORE DOOR**

Any door size, lead core thickness and facing material, to meet specification, is available. Flush-type doors can be furnished with Ameray vision panels and ventilating louvers. Lead lined door bucks and light proof door seals are fully detailed in our A.I.A. Catalog. Complete components including electric operator and hardware can be supplied for sliding doors.

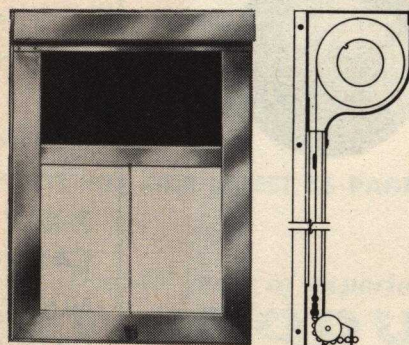
**LEAD LINED FILM TRANSFER
CABINETS**

Fully lead lined with unique interlocking door hardware . . . prevents passage of X-rays or light through the cabinet, while also protecting film from accidental exposure by X-rays. The ideal unit for passage of loaded cassettes between darkroom and X-ray room.

**ELECTRICALLY OPERATED
LIGHT PROOF SHADES**

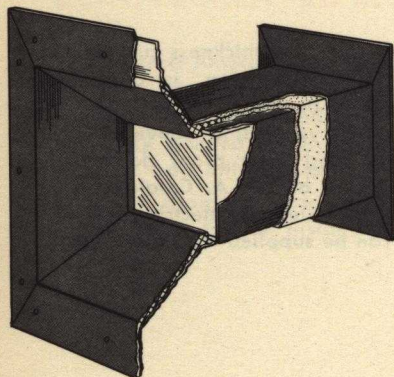
Ameray electrical light proof shades are installed with individual or remote control for single units or ganged remote control for banks of units.

The extruded aluminum frame requires no maintenance and beautifies every installation.

**MANUALLY OPERATED
LIGHT PROOF SHADES**

Easy-to-work pull chain operation. A unique chain lock provides positive shade locking and also allows positioning at any point. Both manual and electrical units are shipped factory-assembled for ease of installation.

COBALT 60 LEAD GLASS AND ZINC BROMIDE WINDOWS



Custom-engineered Ameray windows afford perfect viewing with absolute safety. For large openings Ameray zinc bromide windows are recommended.

Each window — lead glass or zinc bromide — is designed **specially** to meet your individual requirements . . . top quality materials and craftsmanship are a further guarantee of dependable shielding performance.

CONTROL WINDOWS



Ameray X-Ray protective windows feature: an attractive aluminum frame with concealed lead lining or cast lead frame upon request; special Ameray lead glass; unique X-Ray protective voice passage for easy communication; available in standard sizes or as specified.

LOUVERS



Ameray louvers provide maximum air ventilation while giving light proof and/or X-ray protective service. Lead lined types offer the same shielding as the wall or door in which they are installed.

Both X-ray protective and light-proof types have a clean, modern appearance; sizes for all applications.

FUME HOODS



Ameray fume hoods are designed with a structural steel frame and stainless steel exterior-interior which conceal the unit's complete lead lining. Individually developed to fit **exact** job specifications, they offer increased gamma ray protection and facilitate the handling of all types of radioactive materials.

AN INTERNATIONAL NAME IN X-RAY AND RADIATION PROTECTION

Numerous diversified installations throughout the United States and in many foreign countries testify to the quality of Ameray craftsmanship.

No installation is too complex . . . no unit too specialized . . . to be tackled by Ameray's skilled engineering production team.

Send us details of your X-ray protective or nuclear shielding application for a thorough competent evaluation and recommendation at no cost or obligation.



ameray CORPORATION

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TWO NEW PUBLICATIONS AVAILABLE ON REQUEST

**X-RAY PROTECTIVE A. I. A.
CATALOG No. S-50**

**NUCLEAR SHIELDING PRODUCTS
CATALOG No. S-100**

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